Recombinant Human Myogenin (MYOG)

Product Code	CSB-EP015360HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15173
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MELYETSPYF YQEPRFYDGE NYLPVHLQGF EPPGYERTEL TLSPEAPGPL EDKGLGTPEH CPGQCLPWAC KVCKRKSVSV DRRRAATLRE KRRLKKVNEA FEALKRSTLL NPNQRLPKVE ILRSAIQYIE RLQALLSSLN QEERDLRYRG GGGPQPGVPS ECSSHSASCS PEWGSALEFS ANPGDHLLTA DPTDAHNLHS LTSIVDSITV EDVSVAFPDE TMPN
Source	E.coli
Target Names	MYOG
Protein Names	Recommended name: Myogenin Alternative name(s): Class C basic helix-loop-helix protein 3 Short name= bHLHc3 Myogenic factor 4 Short name= Myf-4
Expression Region	1-224
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.